

ENTERED



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## RAW SEQUENCE LISTING

DATE: 06/25/2002

PATENT APPLICATION: US/10/073,060

TIME: 10:18:58

Input Set : A:\Mu.st25.txt

Output Set: N:\CRF3\06252002\J073060.raw

3 <110> APPLICANT: MU, David  
 4 POWERS, Scott  
 6 <120> TITLE OF INVENTION: Amplified Cancer Gene Hepsin  
 8 <130> FILE REFERENCE: 38002-0024  
 10 <140> CURRENT APPLICATION NUMBER: 10/073,060  
 C--> 11 <141> CURRENT FILING DATE: 2002-06-17  
 13 <160> NUMBER OF SEQ ID NOS: 6  
 15 <170> SOFTWARE: PatentIn version 3.1  
 17 <210> SEQ ID NO: 1  
 18 <211> LENGTH: 1783  
 19 <212> TYPE: DNA  
 20 <213> ORGANISM: Homo sapiens  
 22 <400> SEQUENCE: 1

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29	tggaccccg	ggtcccaccc	tggcccaggga	ggtcagccag	ggaatcatta	acaagaggga	240
31	gtgacatggc	gcagaaggag	ggtggccgga	ctgtgccatg	ctgctccaga	cccaagggtg	300
33	cagctctcac	tgcggggacc	ctgctacttc	tgacagccat	cggggcgcca	tcctgggcca	360
35	ttgtggctgt	tctcctcagg	agtgcaccag	agccgctgta	cccagtgcag	gtcagctctg	420
37	cggacgctcg	gctcatggtc	tttgacaaga	cgggaaggac	gtggcggtg	ctgtgctcct	480
39	cgcgctccaa	cgccagggtg	gccggactca	gctgcgagga	gatgggcttc	ctcagggtcac	540
41	tgacccactc	cgagctggac	gtgcgaacgg	cgggcgccaa	tggcacgtcg	ggcttcttct	600
43	gtgtggacga	ggggaggtcg	ccccacaccc	agaggctgct	ggaggtcatc	tccgtgtgtg	660
45	attgccccag	aggccgtttc	ttggccgcga	tctgccaa	ctgtggccgc	aggaagctgc	720
47	ccgtggaccg	catcgtggga	ggccgggaca	ccagcttggg	ccgtggccg	tggcaagtca	780
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55	accacggggg	ctatcttccc	tttcgggacc	ccaacagcga	ggagaacagc	aacgatattg	1020
57	ccctgggtcca	cctctccagt	cccctgcccc	tcacagaata	catccagcct	gtgtgcctcc	1080
59	cagctgccgg	ccaggccctg	gtggatggca	agatctgtac	cgtgacgggc	tggggcaaca	1140
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77	ccctccaggg	tcctctcttc	cacagtggcg	ggcccactca	gccccgagac	cacccaacct	1680
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81	ctgatgatgg	gatgctcttt	aaataataaa	gatggttttg	att		1783

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84 <210> SEQ ID NO: 2
85 <211> LENGTH: 417
86 <212> TYPE: PRT
87 <213> ORGANISM: Homo sapiens
89 <400> SEQUENCE: 2
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92 1 5 10 15
95 Lys Val Ala Ala Leu Thr Ala Gly Thr Leu Leu Leu Leu Thr Ala Ile
96 20 25 30
99 Gly Ala Ala Ser Trp Ala Ile Val Ala Val Leu Leu Arg Ser Asp Gln
100 35 40 45
103 Glu Pro Leu Tyr Pro Val Gln Val Ser Ser Ala Asp Ala Arg Leu Met
104 50 55 60
107 Val Phe Asp Lys Thr Glu Gly Thr Trp Arg Leu Leu Cys Ser Ser Arg
108 65 70 75 80
111 Ser Asn Ala Arg Val Ala Gly Leu Ser Cys Glu Glu Met Gly Phe Leu
112 85 90 95
115 Arg Ala Leu Thr His Ser Glu Leu Asp Val Arg Thr Ala Gly Ala Asn
116 100 105 110
119 Gly Thr Ser Gly Phe Phe Cys Val Asp Glu Gly Arg Leu Pro His Thr
120 115 120 125
123 Gln Arg Leu Leu Glu Val Ile Ser Val Cys Asp Cys Pro Arg Gly Arg
124 130 135 140
127 Phe Leu Ala Ala Ile Cys Gln Asp Cys Gly Arg Arg Lys Leu Pro Val
128 145 150 155 160
131 Asp Arg Ile Val Gly Gly Arg Asp Thr Ser Leu Gly Arg Trp Pro Trp
132 165 170 175
135 Gln Val Ser Leu Arg Tyr Asp Gly Ala His Leu Cys Gly Gly Ser Leu
136 180 185 190
139 Leu Ser Gly Asp Trp Val Leu Thr Ala Ala His Cys Phe Pro Glu Arg
140 195 200 205
143 Asn Arg Val Leu Ser Arg Trp Arg Val Phe Ala Gly Ala Val Ala Gln
144 210 215 220
147 Ala Ser Pro His Gly Leu Gln Leu Gly Val Gln Ala Val Val Tyr His
148 225 230 235 240
151 Gly Gly Tyr Leu Pro Phe Arg Asp Pro Asn Ser Glu Glu Asn Ser Asn
152 245 250 255
155 Asp Ile Ala Leu Val His Leu Ser Ser Pro Leu Pro Leu Thr Glu Tyr
156 260 265 270
159 Ile Gln Pro Val Cys Leu Pro Ala Ala Gly Gln Ala Leu Val Asp Gly
160 275 280 285
163 Lys Ile Cys Thr Val Thr Gly Trp Gly Asn Thr Gln Tyr Tyr Gly Gln
164 290 295 300
167 Gln Ala Gly Val Leu Gln Glu Ala Arg Val Pro Ile Ile Ser Asn Asp
168 305 310 315 320
171 Val Cys Asn Gly Ala Asp Phe Tyr Gly Asn Gln Ile Lys Pro Lys Met
172 325 330 335
175 Phe Cys Ala Gly Tyr Pro Glu Gly Gly Ile Asp Ala Cys Gln Gly Asp
176 340 345 350

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179 Ser Gly Gly Pro Phe Val Cys Glu Asp Ser Ile Ser Arg Thr Pro Arg  
 180           355                           360                           365  
 183 Trp Arg Leu Cys Gly Ile Val Ser Trp Gly Thr Gly Cys Ala Leu Ala  
 184           370                           375                           380  
 187 Gln Lys Pro Gly Val Tyr Thr Lys Val Ser Asp Phe Arg Glu Trp Ile  
 188 385                           390                           395                           400  
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195 Leu

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200 &lt;211&gt; LENGTH: 18

201 &lt;212&gt; TYPE: DNA

202 &lt;213&gt; ORGANISM: Homo sapiens

204 &lt;400&gt; SEQUENCE: 3

205 cactcagccc cgagacca

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208 &lt;210&gt; SEQ ID NO: 4

209 &lt;211&gt; LENGTH: 25

210 &lt;212&gt; TYPE: DNA

211 &lt;213&gt; ORGANISM: Homo sapiens

213 &lt;400&gt; SEQUENCE: 4

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217 &lt;210&gt; SEQ ID NO: 5

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226 &lt;210&gt; SEQ ID NO: 6

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228 &lt;212&gt; TYPE: PRT

229 &lt;213&gt; ORGANISM: Homo sapiens

231 &lt;400&gt; SEQUENCE: 6

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234 1

5

10

15

237 Thr Gln Leu

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/073,060

DATE: 06/25/2002

TIME: 10:19:00

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Output Set: N:\CRF3\06252002\J073060.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date